

Mo-6744
LeA 33,598

-15-

METHOD AND MATERIAL FOR PRODUCING MODEL BODIES

ABSTRACT OF THE DISCLOSURE

A process for producing a three-dimensional plastic model is disclosed. The process entails directing the irradiation of a laser beam on to a three dimensional zone of a poured bed of plastic that contains an IR absorber and fusing the powder. The plastic is in the form of powder having an average particle diameter of 2 to 200 μm . The laser that is directed in accordance with stored geometric data, has a wavelength of 500 to 1500 nm.